

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

Lease Serial No.

SF-079289-A

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

NR0000

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit G (SWNE), 1750' FNL & 1460' FEL, Sec. 22, T28N, R07W

6. If Indian, Allottee or Tribe Name

San Juan 28-7 Unit

8. Well Name and No.

San Juan 28-7 Unit 159

9. API Well No.

30-039-20384

10. Field and Pool or Exploratory Area

Basin Dakota / Blanco Mesaverde

11. Country or Parish, State

Rio Arriba, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

4/30/2018 MIRU. ND Wellhead, NU BOP. PT BOP, Test-Good. LD tbg. Secure well, SDFD.

5/1/2018 Round trip a 3-7/8" bit & string mill to 6227'. TIH w/ 4-1/2" CIBP in tandem w/ 4-1/2" pkr. Set CIBP @ 6170' SLM. Load hole & circ clean. Set pkr @ 6148'. PT plug to 1500 psi. Test-Good. POOH w/ pkr & setting tool. RU WRLN, run CBL from 6170' surface. RD WRLN, secure well, SDFD.

5/2/2018 RU WRLN. Perf MV formation w/ .34" diam, 1 spf @ 6071', 6067', 6027', 6025', 5939', 5925', 5919', 5894', 5891', 5869', 5865', 5824', 5802', 5785', 5776', 5760', 5753', 5746', 5727', 5716', 5701', 5685', 5682', 5676', 5649', 5646', 5624', 5610', 5596', 5573', 5564', 5546', 5542', 5451', 5440', 5417', 5413', 5405', 5401', 5371', 5328', 5284', 5289', 5264', 5252', 5245', 5237', 5230', 5221', 5208', 5196', 5181', 5170', 5145', 5135', had to reshoot 5125' & 5045' = 57 holes. ND & PU BOP. Insert frac tbg head & NU on top of prod tbg head. PU 4-1/2" pkr & TIH 60'. Set & PT pkr, csg & tbg head to 500 psi. Test-Good. Release pkr & continue in hole. Reset pkr @ 6159'. Test CIBP @ 6170', pkr & tbg to 400 psi. Test-Good. Unset pkr @ 6159' & pull up to 4968'. Secure well & SDFD.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Christine Brock

Title

Operations/Regulatory Technician - Sr.

Signature

Christine Brock

Date

6/4/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NR0000

5/4/2018 TIH from 4968' & set 4-1/2" FB pkr @ 5679'. RU Drake Acid services. Acidize PT Lookout perfs (5682'-6071') w/ 1000 gals of 15% HCL + additives dropping 35 7/8" ball sealers. Pulled up & reset pkr @ 5300'. Acidized the Menefee perfs (5324'-5676') w/ 1000 gals of 15% HCL = additives dropping 60 7/8" ball sealers. Pulled up & reset pkr @ 4996'. Acidized the Cliffhouse perfs (5045'-5289') w/ 1000 gal of 15% HCL = additives dropping 90 7/8" ball sealers. Unset pkr @ 4996' & TIH to 6130' knocking off ball sealers. POOH laying dn tbg & pkr. PU & GIH w/ ASO-X 4-1/2" frac pkr, XN nipple & 69 jts frac tbg, after jnt # 70 joint dropped in hole. Secure well & SDFD. Left in hole 69 jts of tbg, nipple & frack pkr. **TOF @ 4008'**.

5/7/2018 PU grapple & bumper sub. Tally & PU tbg. Engage fish @ 4008'. Unable to latch on to fish. LD 2 jts. TOH. LD grapple. Shut in & secure well, SDFD.

5/8/2018 PU skirted mill. Jar & bumper sub. TIH w/ tbg. Tag top of fish @ 4008'. PU pwr swivel. Mill fish top. LD pwr swivel. TOH w/ tbg. LD bumper sub, jar and skirted mill. PU overshot. TIH w/ tbg. Engage fish @ 4010'. Pulled fish 90' and fish released. TIH & engage fish. Pulled fish 210' and fish released. TOH w/ tbg. LD overshot. Shut in & secure well, SDFD.

5/9/2018 PU grapple. TIH w/ tbg unable to latch to fish. TOH w/ tbg. LD grapple. PU box tap. TIH w/ tbg. PU pwr swivel. Unable to latch fish. LD pwr swivel. TOH w/ tbg. PU mill, TIH w/ tbg. PU pwr swivel. Mill fish top from 4010.4' to 2012.8'. LD pwr swivel. TOH w/ tbg, LD mill, PU overshot. TIH, engage fish. Set down 5K on fish. Pulled fish w/ 12K over string weight. TOH w/ tbg. LD overshot & jt of frac string. Remaining fish on slips. Shut in & secure well, SDFD.

5/10/2018 Continue POOH laying dn frac string. After pulling two jts, recovered plug from xn nipple. Finish laying dn tbg & pkr. PU 4-1/2" pkr & TIH. Set prk @ 6140' & PT CIBP & tbg @ 1500 psi. Test Good. Release pkr & POOH laying dn prod string. MU 4-1/2" AS-1X frac pkr, XN nipple. GIH picking up additional jts. Secure well & SDFD.

5/11/2018 Fill jts w/ treated fresh water. Continue PU tbg. MU & land bottom of tbg hanger. Finish loading tbg w/ water. ND BOPE. Pull tbg hanger & NU upper frac tbg head. MU new tbg hanger. Set 4-1/2" prk @ 4866' & slack off 15K on pkr before landing hanger. NU frac head. Finish top loading frac head w/ water. PU Antelope. PT tbg & frac stack to 8100 psi. Test – Good. PT tbg annulus to 550 psi. Test-Good. RU Expert WL. Retrieve plug in XN nipple SWI. RD RR @ 16:00 hrs.

5/17/2018 MIRU frac equipment. Test frac & N2 line to 8,500 psi. Test-Good. **Frac MV formation** w/ 237,240 gals of 70Q to 60Q, 20# gel N2 foam @ 30-25 BPM, 293,480 20/40 AZ sand, 10 7/8" RCN balls, 3,073,700 scf N2, 29 bbls flush. RDMO frac, & N2 equipment. Shut in & secure well.

5/18/2108 MIRU Ranger flowback. Shut well in to build pressure. RD MO flowback services.

5/19/2018 MIRU, ND frac stack, NU BOP & change rams. PT BOP to 3000 psi, Test-Good. Secure well & SDFD.

5/20/2018 RU flowback lines. Release pkr & lay dn frac string. Removed frac spool. PU mill & strap & PU tbg to 3,486'. Unload well @ 3486'. Strap & PU tbg to 5,127'. Tag fill. PU PS & establish circ w/ air mist. Clean out to 5,159'. No gas, no sand. TOH 10 stds of tbg. Secure well & SDFD.

5/21/2018 TIH w/ tbg. Tag fill @ 5159' (1011' of fill.). PU pwr swivel. KI air & establish circ. (air package went down). RU Weatherford air unit. KI air & establish circ w/ 9 bbls/hr water, 1.5 gal/hr soap, 1.5 gal/hr Cl. Clean out sand from 5159' to 5476'. LD pwr swivel. TOH. Shut in & secure well, SDFD.

5/22/2018 TIH w/ tbg. Tag fill @ 5885' (258' of fill). PU pwr swivel. KI air & establish circ w/ 9 bbl/hr, 1.5 gal/hr soap, 1.5 gal/hr Cl. CO sand from 5885' to 6170' (CIBP). Conduct flow test. DO **CIBP @ 6170'**. LD pwr swivel. Tally & PU tbg. Tag fill @ 7914' (34' of fill). TOH to above perms. Shut in & secure well, SDFD.

5/23/2018 TIH to 7888', 60' of fill. CO fill from 7888' to 7948'. Blow well w/ air mist. Well making from 1+ cups of sand to 1/4 cup of sand. Natural flow well. Well making 1 cup of sand and had 13' of fill. Establish circ and blow well. Making from 3 cups of sand to 2 cups of sand. TOH 50 stds. Secure well, SDFD.

5/24/2018 TOH w/ tbg. LD bit sub & mill. P/U expandable check and seat nipple. Drift & TIH w/ tbg. Tag fill @ 7895' (53' of fill). PU tbg swivel. KI air & establish circ w/ 9 bbls/hr Water, 1.5 gal/hr soap, 1.5 gal/hr Cl. C/O fill from 7895' to 7948' (PBTD). L/D tbg swivel. **Land tbg w/ 249 jts, 2-3/8", 4.7# J-55 @ 7848' and seat nipple @ 7846'**. PT tbg w/ air to 500 psi. Test-Good. Pumped off expandable check @ 1650 psi. Unloaded well. RD RR @ 19:00.

This well is currently producing as a MV/DK with an approved Test Allowable C-104 & is waiting on RC C-104 approval.

Well is now a MV/DK commingled per DHC-4008 AZ.